

NOV 17 2005

PYO/SB/97 (08-03)

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**Certificate of Transmission under 37 C.F.R. 1.8**

**Re: U.S. Serial No. 09/241,636 (HEATH et al.)**  
**PROCESSES FOR ISOLATING, AMPLIFYING AND CHARACTERIZING DNA**  
**Our Reference: 41140-0003**

I hereby certify that the following correspondence is being facsimile transmitted to Examiner Goldberg at the United States Patent & Trademark Office, Group 1634 at (571) 273-8300 on November 17, 2005:

- (1) Revocation of Power of Attorney and Appointment of New Power of Attorney (1 page)**
- (2) Statement Under 37 CFR 3.73(b) (4 pages)**

  
Signature

Denise M. Mayhew  
Typed or printed name of person signing Certificate

**Note:** Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

PTO/SB/42 (06-03)

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<b>REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY</b>	Application Number	09/241,636
	Filing Date	February 2, 1999
	First Named Inventor	Ellen M. HEATH et al.
	Art Unit	1634
	Examiner Name	J. Goldberg
	Attorney Docket Number	41140-0003

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith:

OR

☒ I hereby appoint the practitioners at Customer Number: 26633

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number: 26633

OR

☐ Firm or Individual Name

Address

Address

City State ZIP

Country

Telephone Fax

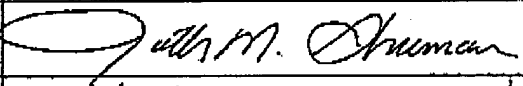
I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 C.F.R. 3.71.  
Statement under 37 C.F.R. 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name Ruth M. Shuman, President and CEO  
Gentra Systems, Inc.

Signature 

Date 11/14/05 Telephone (763) 543-0678

NOTE: Signature of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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PTO:SB/86 (2-0-01)

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Gentra Systems, Inc.

Application No./Patent No.: 09/241,636

Filed/Issue Date: February 2, 1999

Entitled: PROCESSES FOR ISOLATING, AMPLIFYING AND CHARACTERIZING DNA

Gentra Systems, Inc.

Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 810125, Frame 0869, for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose file is supplied below) is empowered to sign this statement on behalf of the assignee.

11/14/05  
Date

Ruth M. Shuman  
Signature

Ruth M. Shuman

Typed or printed name

President and CEO

Title

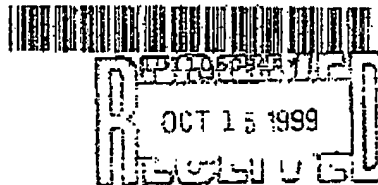


UNITED STATES DEPARTMENT OF COMMERCE  
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SEPTEMBER 29, 1999

PTAS

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SUITE 300 SOUTH  
WASHINGTON, DC 20004



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/28/1999

REEL/FRAME: 010125/0869

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

HEATH, ELLEN M.

DOC DATE: 07/21/1999

## ASSIGNOR:

SHUMAN, RUTH A.

DOC DATE: 07/21/1999

## ASSIGNEE:

GENTRA SYSTEMS, INC.  
13355 10TH AVENUE NORTH, SUITE 120  
MINNEAPOLIS, MINNESOTA 55447

SERIAL NUMBER: 09241636

FILING DATE: 02/02/1999

PATENT NUMBER:

ISSUE DATE:

MAURICE CARTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Attorney Docket No. 5253

**ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

WHEREAS, Ellen M. HEATH, of 1705 Oakland Road, Minnetonka, MN 55305, and Ruth A. SHUMAN, of 5016 Westmill Road, Minnetonka, MN 55345, hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to PROCESSES FOR ISOLATING, AMPLIFYING AND CHARACTERIZING DNA, for which said assignor has caused an application for United States Letters Patent to be prepared,

- ☐ the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- ☒ said application having been filed in the United States Patent and Trademark Office on February 2, 1999 as Serial Number 09/241,636;
- ☐ said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

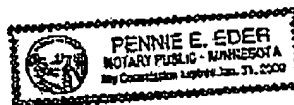
AND WHEREAS, Genra Systems, Inc., a corporation existing under the laws of the State of Minnesota, whose address is 13355 10<sup>th</sup> Avenue North, Suite 120, Minneapolis, Minnesota, 55447, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

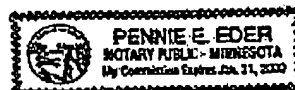
Attorney Docket No. 5253

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issued Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigned, in accordance herewith.

EXECUTED, this 21<sup>st</sup> day of July, 1999.

WITNESS:

ASSIGNOR:

Signature: Pennie EderSignature: Ellen M. HEATHName: Pennie EderName: Ellen M. HeathEXECUTED, this 21<sup>st</sup> day of July, 1999.

WITNESS:

ASSIGNOR:

Signature: Pennie EderSignature: Ruth M. ShumanName: Pennie EderName: Ruth M. Shuman